



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 4830

Bib Data Sheet

SERIAL NUMBER 10/828,391	FILING DATE 04/19/2004 RULE	CLASS 324	GROUP ART UNIT 2862	ATTORNEY DOCKET NO. DCI-20C3
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Guenter W. Brune, Bellevue, WA;

 Albert W. Chau, Woodinville, WA;
 John E. Mercer, Kent, WA;

** CONTINUING DATA *****

This application is a CON of 10/393,845 03/21/2003 PAT 6,768,307
 which is a CON of 10/285,139 10/30/2002 PAT 6,653,837
 which is a CON of 09/641,006 08/17/2000 PAT 6,496,008

OK R/R

** FOREIGN APPLICATIONS *****

none R/R

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** SMALL ENTITY **

** 06/29/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <u>R/R</u> Initials	STATE OR COUNTRY WA	SHEETS DRAWING 6	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 2
--	--	---------------------------	------------------------	-----------------------	----------------------------

ADDRESS

21833
 PRITZKAU PATENT GROUP, LLC
 993 GAPTER ROAD
 BOULDER, CO
 80303

TITLE

Flux plane locating in an underground drilling system

FILING FEE RECEIVED 385	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____
-----------------------------------	---	--